

Student News, Student Views

Vol. 7 July 27, 2006



Symposium 2006 -- August 2-3

Student News

Welcome	1
Annual Student Survey	1
Departure Processes	1
Offsite Students	2
Keynote Speakers for Symposium	2
Symposium 2006	3
SA Elections	5
Student Ambassadors	5
MSTea & Cookies	5
LAWIS Brown Bag Lunch	5
Undergrad Opportunities	6
Plasma Physics Summer School	6
J. Robert Oppenheimer Memorial Free Lecture	7
Spotlight on Armanda Roco	7
SA Reports	8
SA Picnic pictures	10
Spotlight on Joel Joseph	11
Safety First /Security	12
Calendar of Events	13
Community Corner	14
Hiking Trails	14
Summer Concert Series	14
STB-EPDO Word Search	15
NM Trivia/Word Search	15
Summer Salsa Party	16
Outside Movie Night	16

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Students,

I am not quite sure where the summer has gone. The student and posdoc symposium is next week and we have almost 250 presentations that will be given. I hope you will take time to stop by and check out the presentations. You can read about the keynote speakers on page 2 of this newsletter.

For those of you that are leaving soon, please read the articles on the Annual Student Survey, the Departure Process, and the Offsite Student opportunity. These will be helpful to you and me. Lots of student activities have happened in the past two weeks. Check out the reports and pictures shown in this edition of Student News, Student Views. The picnic was a big success, and we're glad so many students and mentors were able to attend.

I hope your summer at LANL has been rewarding, safe and fun. Please stay in touch with me and let me know if I can help you with anything. For those of you that are with us for a few more weeks, there is still more fun to come!

A new addition to this newsletter is a STB-EPDO word search. We hope you'll enjoy reading this edition of SN,SV.

Carole

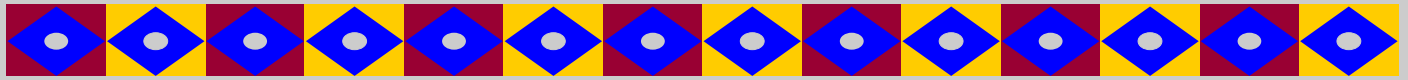
Annual Student Survey Extended

Due to problems with the system, the survey deadline has been extended. Each year the Education & Postdoc Office seeks input from you about your internship experience via the annual student survey. This electronic survey will not take more than 10 minutes and your responses are confidential and very helpful. Whether you are new to LANL or have been an intern for some time, we need your input. The responses you provide are analyzed and used to help make program and process improvements for the next year. Each year we have had over a 30% response rate which is great! Please help again by completing the survey at:

http://dominoapp2.lanl.gov/esurveyor5/annual_student_exit_survey.nsf/

DEPARTURE--TERMINATIONS/CASUAL PROCESSES

Students who plan to return to school for the fall semester should notify their mentor and liaison regarding their plans. Students who are on 90 day appointments will automatically have their appointment types changed to Casual Status by Human Resources unless a Termination action is initiated. Specific instructions for the departure process for students who will be terminating or going on casual status can be found at: <http://int.lanl.gov/worklife/benefits/lifeevents/termination.shtml>. Students should allow at least a week to ensure the departure process is completed before leaving the Laboratory. Questions should be directed to bmontoya@lanl.gov.



OFF-SITE STUDENTS

An Off-site Student is defined as a student:

- who is actively participating in one of Los Alamos National Laboratory's Student Programs as a Fulltime, Part-time, or casual employee
- whose primary work location is not on Los Alamos National Laboratory property

Off-site requests for students whose mentors want them to work at their universities during the academic year must be submitted to the Student and Postdoc Office at least 2 weeks prior to the anticipated off-site start date. The following website provides guidance on the off-site process: <http://int.lanl.gov/education/undergrad/offsite.shtml>.

Reminders for year-round and departing students:

1. Undergraduate students are required to maintain a minimum of 9 credit hours (or equivalent) each semester to remain eligible to participate in the Laboratory's Student Internship Program.
2. Graduate students are required to maintain a minimum of 6 credit hours (or equivalent) each semester to remain eligible to participate in the Laboratory's Student Internship Program. Graduate students who have completed their course work are eligible to work full-time during the academic year providing they submit proof of enrollment showing thesis/dissertation course work.
3. Exceptions to the work time or credit hour requirements will be addressed on an individual basis by the Education and Postdoc Programs Staff and the Student Programs Advisory Committee. The exception process can be located at: <http://int.lanl.gov/education/spac/exc.shtml> Student will not be extended in FT status unless an exception has been approved by the Education and Postdoc Programs Office
4. Students participating in the Electro-Mechanical Technology Program, Materials Science Technician Program, Machinist Apprenticeship Program, CFO and SUP MBA program, Post Baccalaureate, Post Master's Degree programs and GRA students working on a thesis or dissertation are excluded from the 30 hour per week work restriction.

Keynote Speakers for Symposium



Frank Harlow arrived at Los Alamos in 1953 with a doctorate in quantum field theory. A theoretical physicist in Los Alamos' Theoretical (T) Division for more than 50 years, he is credited with giving birth to the science of computational fluid dynamics. He was appointed group leader of Computational Fluid Dynamics (T-#) in 1959, and was honored as a Laboratory Fellow in 1981. Harlow also is a Fellow of the American Physical Society and received the Japanese Society of Mechanical Engineers Computational Mechanics Award for 2001. He has been a mentor to more than 150 students and has advised 15 doctoral candidates.



Michael Steinzig and wife Dara enjoy the small town atmosphere of Los Alamos and take advantage of the many outdoor opportunities that are available. Mike was first introduced to Los Alamos National Laboratory in 1996, pursuing a master's degree in the GRA program. He worked in the theoretical fluids group on numerical simulations of metal casting, and returned to LANL as a PhD candidate to work on a model for grain growth in cast metals. Mike has a bachelor's degree in physics from Colorado College, and a Master's and PhD in mechanical engineering from New Mexico State University. He has worked as an engineer at General Motors, Utility Engineering, Chevron Pipeline, Nooter/Eriksen, Phelps Dodge and HYTEC, and is a registered professional engineer. Currently, he is employed with the W88 group in the Weapons Division and hopes to spend the rest of his career at LANL. Mike is the test lead on two W76-1LEP tests at LANL. Previously, Mike was the lead in the commercialization of a tool for measuring residual stress at a privately help company. As a student/postdoc at LANL, Mike worked on solidification modeling of the Plutonium/Gallium alloy system.

Symposium 2006 -- An All Students Event...

The 2006 Student and Postdoc symposium is almost here. The symposium will be held at UNM-LA on August 2nd and August 3rd. All students are invited to come and view the work showcased by fellow students and post doctoral appointees. Take some time to view the agenda and mark your calendar to come to this year's symposium. The symposium is open for public viewing at no charge on August 3rd. See you there!

SYMPOSIUM 2006 **"Championing Scientific Careers"** **August 2 and 3, 2006** **University of New Mexico — Los Alamos**

Wednesday, August 2, 2006 (Day 1)

8:00 - 10:00	Registration and Poster Setup	UNM-LA Student Center
10:00 - 12:00	Poster Review by Classification Safeguards, S-7	UNM-LA Building 6 and Student Lecture Hall
12:00 - 1:00	Lunch for Poster Presenters	UNM-LA Student Center
1:00 - 5:00	Poster Judging *Open to Judges and presenters only	UNM-LA Building 6 and Student Lecture Hall

Thursday, August 3, 2006 (Day 2)

8:00 - 9:00	Registration cont. Exhibitor Set-up Continental Breakfast Registrants and Exhibitors only	UNM-LA Student Center
8:00 - 2:00	Poster Session with Students *Students to be by their posters from 8:00 - 11:30	UNM-LA Building 6 and Student Lecture Hall
11:30 - 12:30	Lunch Participants Only	UNM-LA Student Center
1:00 - 5:00	Technical Talk Presentations	UNM-LA Buildings 5 and 6
2:00 - 3:00	Poster Breakdown	



**Thursday, August 3, 2006 (Day 2) cont...
(for presenters only)**

5:30 - 7:30

Awards Banquet

UNM-LA Student Center

Introduction

**Dave Foster, Education and Post-
doc Office Program Manager**

Welcome from Senator Jeff Bingaman

**Helen Maestas, Senator Binga-
man's Office**

Welcome

**Mike Anastasio,
LANL Director**

Introduction of Speaker

**Kimberly Thomas, Science and
Technology Base Program Director**

**Keynote Address:
"Celebrating the Past, Present and Future"**

**Frank Harlow, Retired, LANL
Michael Steinzig, LANL**

Induction of New Students' Association Officers

**Kim Tait, Students' Association
Chair**

**Student and Mentor Distinguished Performance
Award Presentations**

**Robert Nemzek, Student Programs
Advisory Committee**

Symposium Award Presentation

**Director Mike Anastasio and Kim
Tait**

Closing Remarks

Dave Foster



Students' Association Elections Coming Soon

Stay glued to your inboxes next week, because voting for next year's SA cabinet will take place from Monday, July 31st to Wednesday, August 2nd. The studentinfo mailing list will provide you with the names and biographies of all the candidates. If you are a student, even if you are a guest student in a special program, you will be eligible to vote.

Congratulations 2006 Student Ambassadors!!!

The HR-Staffing Office is pleased to announce the selection of the 2006 Student Ambassadors. The 2006 Student Ambassadors will be attending an orientation/training session the second week of August. The 2006 Student Ambassadors will be representing the Laboratory at 15 respective campuses across the United States. The 2006 cohort includes: Tejay Cardon from Brigham Young University Idaho, Bruno Goncalves from Emory University, John Hopkins from Perdue University, Andy Li from North Carolina State University, Kristen Morgan from the University of Colorado Boulder, Jesse Piotrowicz from New Mexico Tech, Tamara Roybal from New Mexico State University, Sydney Ryan from New Mexico Technical Institute, Brain Van Essen from the University of Washington, Leonardo Patacchini from the Massachusetts Institute of Technology (MIT), Fiona Hughes from MIT, Sofiane Boukhalfa from the University of Illinois, Myriah Gomez from New Mexico Highlands University(NMHU), Samuel Gutierrez from NMHU, and Lucretia Jenkins from Indiana University – Northwest.

The general responsibilities of a Student Ambassador include being a highly informed advocate for the Laboratory, helping staff at college career fairs and information sessions, and assisting in advertising on-campus events and job opportunities by posting posters on campus and talking to fellow students. Congratulations and good luck 2006 Student Ambassadors!

MSTea and Cookies

What: Come talk Materials Science with your peers and enjoy tea and cookies! This is an excellent opportunity to meet with other students, postdocs, and researchers to discuss data, network, and eat tasty cookies and drink tea! Social gatherings alternate with informal speakers, who range from students sharing their results to upper management discussing their outlook on LANL's future. In this relaxed atmosphere, discussions on a wide variety of scientific, as well as, non-technical topics can give new perspective on issues at the lab. Hope to see you there!

Calendar with future scheduled events: <http://www.mst.lanl.gov/internal/calendar.shtml> . Contact: Heather Volz, hvolz@lanl.gov or 5-4370. Sponsored by MST and MPA Divisions

COMING SOON:

- August 2— Cristian Pantea (MPA-NHMFL)
- August 9 — Social Gathering
- August 16 — Don Rej (Office of Science Programs)

It's NEVER Too Early to Start Planning Your Retirement!

Come join us on August 8, at the Synergy Center for a brown bag lunch.

***Focus On Retirement
Marlene Vrba and Caroline Jansson,
Morgan Stanley***

Sponsored by Los Alamos Women In Science

This presentation is designed to assist professional women in rethinking, revisiting, refining and reviewing their retirement options based on the economic climate as well as their own personal factors — the 4 R's for a successful retirement. Both general considerations as well as changes one might want to consider in light of the new LANS plans will be addressed.

For more information on the lunch, contact
<http://nmnwse.org/lawis/lunchtalks/post.060808.htm>.
For directions to the Synergy Center, contact
<http://nmnwse.org/lawis/lunchtalks/SynCtrLoc.htm>.



Attention Undergraduate Students!

Opportunity to Have a Paper Published

The Department of Energy established an opportunity for undergraduate students to submit abstracts (and papers, if desired) to be included as part of the Journal of Undergraduate Research (JUR).

Students who would like to submit a research abstract may set up an account using the following link:

<http://applicationlink.labworks.org/edulink/abstracts2.nsf/new+account+registration?openform&program=Other&term=Summer&year=2006>

If you have any questions about this process, feel free to contact Carole Rutten at crutten@lanl.gov or Kristin Patterson at kpatterson@lanl.gov.

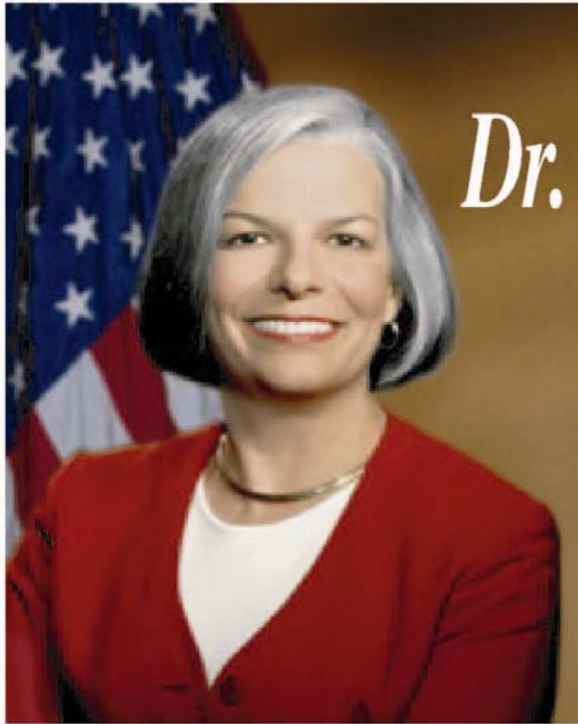
Plasma Physics Summer School

Throughout the summer and through the first week of September, the Plasma Physics Summer School (PPSS) is held at the **P-24 (TA-35), Plasma Physics Group**, building 86, room 205. The goal of the Plasma Physics Summer School is to educate LANL undergraduate students (UGS) and Graduate Research Assistants (GRA) in the fields of plasmas and laser-plasmas interactions and to attract prospective upper level students to the laboratory later on in post-doctoral, or staff positions. In order to qualify for PPSS, participants must be UGS or GRA at LANL during the Summer School. No clearance is required. We strongly encourage the participation from different LANL divisions to broaden and share student experiences. In the previous and past years, students were recruited from Northern New Mexico Community College, Massachusetts Institute of Technology, New Mexico Tech, Stanford, University of New Mexico - Los Alamos, University of Michigan, Cornell, Purdue, Princeton, and the University of Bordeaux.

Distinguished invited speakers as well as staff members and postdocs from LANL will be giving lectures every Tuesday morning at 9:00 a.m. (June to September), Wednesday at 12:00 P.M. (June) and Thursday afternoon at 3:30 p.m. (July to September). Please check out the timetable. These talks are designed to give the students an overview of all plasma physics aspects, from the fundamental principles to the most advanced applications. Students will also get familiarized with a wide range of engineering concepts, very useful for designing complex experiments. No previous knowledge of the subject is assumed. Currently, the one scheduled lecture will be:

***August 1, 2006 — 9 a.m. - Why is ITER so Darn Big?
Turbulence and Transport in Magnetized Plasmas***

Additional lectures will be posted as they are scheduled. For more information, contact Tom Intrator at intrator@lanl.gov, or 665-2927. You can also find additional information at http://wsx.lanl.gov/R SX/PPSS_2006/PPSS2006b.html.



Dr. Julie Gerberding

Director, Centers for
Disease Control and Prevention

Monday

August 7, 2006

7:30 p.m.

Smith Auditorium

Los Alamos High School

- reception following at Fuller Lodge - Los Alamos -

"21st Century Health Protection Challenges: Preparing for Pandemics"

- **Avian Influenza** ■ **HIV**
- **West Nile Virus** ■ **SARS**

J. Robert Oppenheimer Memorial Committee
Free Lecture for 2006

SA Reports: There are lots of SA and STB-EPDO activities to report on in this issue. We hope you'll enjoy some of the pictures that were taken at these events.

SULI Luncheon A Big Success

Ten Science Undergraduate Laboratory Internship (SULI) students attended the SULI Student and Mentor Luncheon on July 19 at Canyon Complex. SULI is a program that places undergraduate students in paid internships at labs across the US. LANL is one of the places students can select for their internship. Through SULI, students get the chance to work with other scientists by helping them with various research projects.

The projects students at LANL are working on this summer range from cleansing proteins in order to research possible cures and treatments for tuberculosis to using codes in order to simulate planet formations.

The presenter at the SULI luncheon was Denise Pauler, who recently received her master's degree in theoretical chemistry. Denise spoke about the 55th Nobel Laureate Conference she attended in Lindau, Germany.

SULI Students (L to R) for the summer 2006 are Robert Forseman, Joseph Janosik, Sam Skillman, Lucas Baumgartel, Christian Lytle, Ashley Jones, Philip Barkhudarov, Armanda Roco, Lianne Martinez, and Greyson Daugherty.



Congratulations SULI students on all of your hard work this summer and we hope to see you again next year!

Panelists at LAWIS Lunch Give Great Advice



Twenty-three students attended the 3rd Annual Career Paths for Women in Science and Science Related Fields Brown Bag Lunch hosted at Canyon Complex on July 18. The lunch was co-sponsored by Los Alamos Women in Science and the Education and Postdoc Office. The panelists included Kim Thomas STBPO-EDPO, Avivah Smith Nelson D-5, Leslie Hansen ENV-EAQ, and students Denise Pauler T-12, and Jean Foster EES-ACED (shown in photo from L to R).

The panelist talked about their education, careers, and life experiences and offered great advice on a variety of topics. Some of the advice included being honest with yourself, taking advantage of your network, learning to do things on your own, balancing work and family, and no matter what you are doing, have a solid work ethic.

Thanks again to the panelist and attendees! The lunch wouldn't have been such a success without you!

Wellness Center Introduces Students to Resources



Thanks to all of the students who attended the Wellness Center Breakfast on July 18th hosted at the Occupational Medicine Building. Twenty-seven students were present and Sue Bachmeier of OM Operations did an excellent job of answering questions about the different resources the Wellness Center offers and conducted a tour for those students who were interested in completing their Wellness Center Orientation. The food included bagels, juice,

and yogurt and each student received a couple of give-away items.



Thanks to Sue Bachmeier and staff for the excellent breakfast and explanation of the Wellness Center resources.



SA Student-Mentor Picnic a Huge Success!

The SA's annual Student-Mentor Picnic, held July 13th at Urban Park, was a huge success! About 1,100 students and mentors stopped by the park from 12:00 to 2:00 to enjoy BBQ'd hamburgers, veggieburgers, hotdogs, and chicken, along with a host of chips and cookies. Coca-Cola provided free Coke products and water to the crowd. Organizations from around the Lab and Los Alamos County set up information tables on the basketball court and gave out freebies, such as water bottles and buttons. There was even a DJ! With two serving lines full of friendly and energetic servers, and lots of dedicated cooks at the grills, people were fed quickly and efficiently. SA would like to thank STBPO-EPDO, SPAC, and about 65 student volunteers for making this year's picnic one of the best in recent memory. See you next year!

For pictures from the picnic, see the following page.

Bandelier Trip Enjoyable and Informative



The July 20th Students' Association sponsored trip to Bandelier National Monument gave 30 LANL summer students the chance to learn a little about Los Alamos history. The trip began with a briefing about the park in which Park Ranger Kris Judson told students about the people which lived here hundreds of years ago. Students were surprised to learn that the men weaved and women made the pottery, which is opposite of most prehistoric cultures. After the briefing students broke up into groups and hiked in Bandelier for the rest of the day. Many students hiked a little over a mile from the visitor center to the

Alcove House, and chose to have lunch at that point because it was in the shade.

The day was a warm one but the trip was still enjoyable for all who participated. Special thanks to Nesia Zurek and Bandelier National Monument for planning and facilitating the trip. Thanks also, Nesia, for the pictures.



If you have any ideas about other trips students might enjoy please contact Kristin Patterson at kpatter-

If you have any ideas as to what you would like to see included in this newsletter, please contact Carolyn Ramsey at 606-0333, or cramsey@lanl.gov.



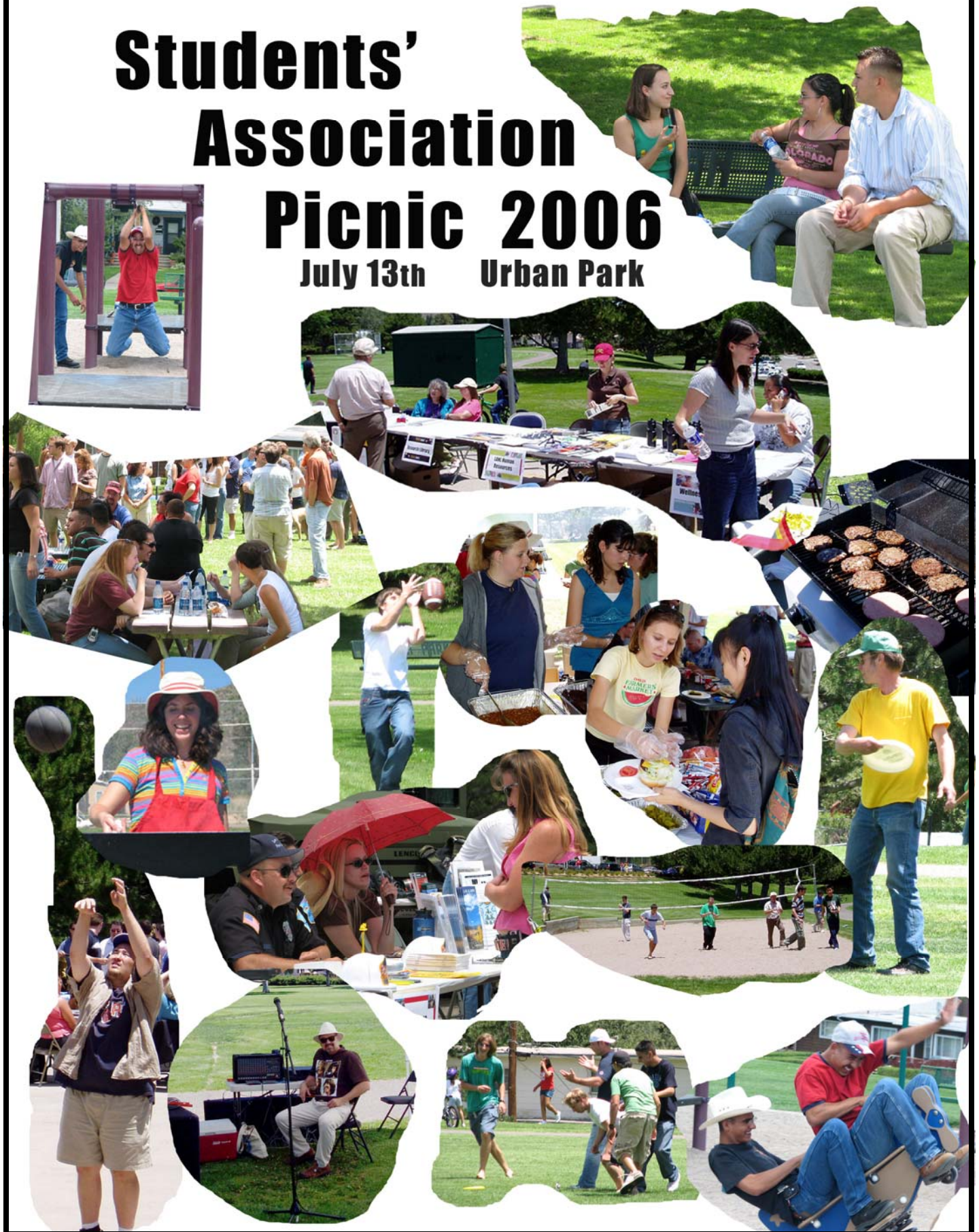
If you missed any of the previous editions of Student News, Student Views, you can find them at <http://sa.lanl.gov/documents.php>.

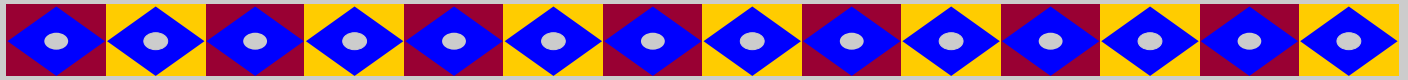
If you know students who are not receiving Student News, Student Views, have them contact Carolyn Ramsey.



Students' Association Picnic 2006

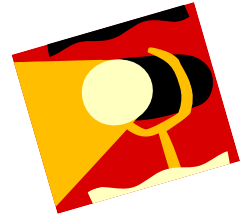
July 13th Urban Park





Spotlight On

Joel Joseph



The Electro Mechanical Technician Training Program (EMTP) is a two-year program in which selected individuals are assigned to work under the guidance of Laboratory technical staff members or senior technicians assisting them with routine tasks and basic projects requiring electro mechanical skills. A portion of the student's work day is spent at the UNM-LA campus attending academic courses especially designed for and related to their Laboratory positions. While in the program, the student is placed in the Lab as a limited-term Electro Mechanical Technician student. A two-year commitment is required by the participants. Upon successful completion of the program, students are awarded a Certificate in Electro Mechanical Technology. Continued employment at the Laboratory is possible, depending on position availability, funding and positive evaluations.

Joel Joseph is one of four recent graduates of the EMTP program. He learned about the EMTP from a friend who was participating in the program. Joel has always been interested in electronics. His first project, as a child, was to try and fix a broken television – of which he was unsuccessful. However, since then, he has moved on to working on car stereos and high-output radio wiring. He feels the EMPT program is the perfect opportunity to be trained in his field of interest, while working at the same time. Before entering the EMTP program at the Lab, Joel attended Northern New Mexico College taking courses in their Electrical program. At the end of that one-year program, he became a licensed electrician, and worked for two months for a firm in Los Alamos. At that point, he was admitted into the EMTP program, and has just recently been hired on at the Lab full-time in a Tech 4 position.

During his time in the program, he worked mainly in general electronics – doing some wiring, working on circuit boards, and soldering electrical connections. His group ensured that he concentrated on his school work, helping him with homework if needed. Though he has received his Certificate in electronics, he plans on continuing school at UNM-LA and getting his Associates degree. He wants to continue working while taking any classes he can. While at the Lab, Joel has attended courses in Autocad training, soldering, and most recently, NASA certification for soldering.

Joel highly recommends the program to other students. In fact, he is currently encouraging his brother to enter the EMTP program. His advice to other students, "Just stay on top of your schoolwork. Don't fall behind, and do the best you can." When he is not working, he enjoys hanging out with friends, camping, working on bikes and motorcycles, and car stereos.

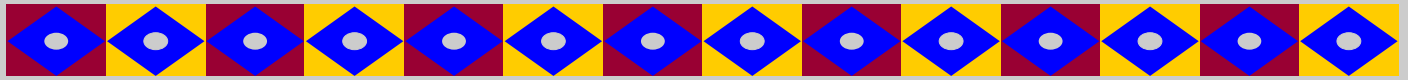
Joel's mentor is Michael Webber. Michael feels that the EMTP program is a great way to get fresh blood into the Lab. "It's very effective because the student can be evaluated on their work progress and I can see how effectively the student will fit into the Laboratory setting before they are actually hired." Webber has had two students from the EMTP program, and has been very satisfied with both experiences. When asked about Joel, Webber commented, "He's a great kid, a hard worker, and we want to keep him."

For more information about the EMTP program, contact Brenda Montoya at bmontoya@lanl.gov, or 667-4866.

Congratulations Joel on you recently acquired Certificate! Best of luck in your future endeavors with school and work.



Shown here: Joel and his mentor, Michael Webber



SAFETY FIRST

Ergonomics: How Equipment Design Affects Your Health (Part 2)

This safety article is a continuation of the information on ergonomics. To repeat, ergonomics relates to how the equipment used on a daily basis relates to operator fatigue and discomfort. You can reference the following website for a listing of "ergonomic tips" at the Laboratory: https://int.lanl.gov/safety/ergonomics/ergo_tips.shtml. Listed are a few additional categories to add to the previous info found in volume 6 (July 13, 2006) of Student News, Student Views.

What makes a chair "ergonomic"?: A chair can have all the bells and whistles and not be ergonomically designed for a specific person. The chair may be fully adjustable but not fit a particular person. So what does all this mean for you?

A chair is ergonomically designed FOR YOU if it can be adjusted to support safe and healthy work postures and be used safely within your work environment. All of the chairs under the LANL furniture contract meet and/or exceed ANSI/BIFMA standards for seating. It is important to follow these guidelines: 1) take time to learn how to adjust your chair; 2) report chairs that are broken as soon as possible; and 3) use a chair that fits you and does not impede your work.



Remember, your work chair is LANL Property. Be gentle with your chair and respect its limits. If you have questions about your chair that are not answered on this website, please contact the LANL Project Leader for Ergonomics at gperez@lanl.gov or gperez@lanl.gov.

"The Best Posture is the Next Posture": When your body stays in the same position for long periods of time, the same muscles do all the work all the time. Circulation can be impaired, and you may incur imbalanced muscle development as a result of using only part of your body to work. Listed are a few of the way to ensure you change postures frequently at work:

- Move your phone so you have to get up and stand while speaking.
- If you have to type while you are on the phone use a speakerphone or get a headset.
- Place your computer printer in a location where you have to stand up vs. using awkward reaches to retrieve documents.
- Place your references far enough from your desk so you have to stand and reach them.

Additional ways of making sure you change positions frequently at work can be found at the Lab ergonomic website and selecting the above listed topic.

Keyboard Tilt: Not only is the tilt of the keyboard important, but the location of the keyboard in relation to your body plays an important part of preventing work injuries. A slight upward tilt of 15° of the keyboard is good because the fingers tend to curl naturally when the wrist is slightly extended upwards. If negative tilt is used, the elbow angle should be greater than 90°. To reduce the possibility of carpal tunnel, the keyboard should be almost in the lap of the user and the hands should float over the keyboard during typing and rest on a soft surface when not typing. Your arms should relax by your side while typing.

You can play with different positions on your keyboard tray. There is no one angle that you should use all the time. Changing positions is the best way to avoid injury.

Tips to Improve Your Ergonomics While Driving: Yes, ergonomics is as important while driving as it is at work! The goal of ergonomics is to fit your car so you can drive in a way that maximizes the natural ability of your body to move and respond to physical stress. Before you start your next drive, look for these 10 easy things: 1) remove items from your pockets; 2) position items that you may need during your drive; 3) buckle up; 4) adjust your mirrors; 5) lumbar support; 6) back tilt; 7) seat cushion length; 8) seat pan tilt; 9) stepping up and stepping out; and 10) steering wheel grip. For a more detailed discussion on these 10 suggestions, select the listed topic on the Lab's ergonomic website.



SECURITY

Tag Your Bag

Because of the type of work done at the Laboratory, security and safety are always a top priority. You never know when a terrorist or some other individual may decide to “make a statement” and plant a bomb in a public place. Untagged bags left in public places at the Laboratory are assumed to be hazardous devices and are treated in an appropriate manner; that is, they may be destroyed by the Hazardous Devices Team if the owner cannot be located.

You should place ID tags on all types of bags – back packs, duffel bags, lunch boxes, computer (laptop) cases, even fanny packs and purses – that you may bring on Lab property. *Proper ID is essential to keeping your belongings in one piece.*

If you need only one tag and you have a business card, drop by the Badge Office and they'll make it on the spot. Emergency Management & Response also will be happy to make the tags for you. All you have to do is send them the information and they will make the tags, laminate them, and send them back to you via interoffice mail. To submit the information, call 667-6211, or email the info to bagtag@emo.lanl.gov or bagtag@emo.lanl.gov.

The following information is required to prepare your tag: Name (as you want it to appear on your tags), Group, Work Phone Number, Pager Number, Fax Number, and Mail Stop. If you prefer to have your business cards made into tags, you can interoffice mail them to mail stop C938, attention “Bag Tags”. For more information, contact http://int.lanl.gov/orgs/eoo/emer_man_resp/tagyourbag.shtml.

Calendar of Events

(LANL Student Activities highlighted in red)

- 8/01– 8/31 Farmer's Market begins (every Thurs. thru October)
- 8/01– 8/31 Bandelier 90th Anniversary Event: Ranger guided Walks on the Mail Loop Trail
- 8/02 - 03 Symposium 2006 UNM-LA**
- 8/02 MSTea & Cookies 4:30 p.m. Cristian Pantea (MPA-NHMFL)
- 8/06 - 8/13 Santa Fe County Fair Rodeo Grounds
- 8/07 J. Robert Oppenheimer Memorial Free Lecture 7:30 p.m. Smith Auditorium
- 8/09 MSTea & Cookies 4:30 p.m. Social Gathering
- 8/ 11- 8/14 Los Alamos Festival, Fair and Rodeo
- 8/12 - 8/13 Bandelier 90th Anniversary Cultural Demonstrations
- 8/16 MSTea & Cookies 4:30 p.m. Don Rej (Office of Science Programs)
- 8/17 Interpretative Event: Nightwalk at Bandelier
- 8/22 Winning Resume Workshop 8:30 -11 a.m. Canyon School Room 172

Looking for Activities?

Listed below are some websites to find activities going on in Los Alamos and the surrounding areas.

Los Alamos: <http://visit.losalamos.com/events/>

Santa Fe: <http://santafe.org/calendar/index.html>

Activities throughout New Mexico: <http://www.newmexico.org/event/>

Community Corner



More Hiking Trails in the Los Alamos Area

Here's a few more hiking ideas for the Los Alamos area. Remember to always tell someone where you are going. Take snacks, sunscreen, and plenty of water in case of emergency, and be prepared for changes in the weather. Also, watch for snakes sunning themselves. Be aware lightning and monsoon season is here. More info can be found on this in the June 15th edition of the Student News Student Views (Vol. 4) To see previous trails listed in this section of the newsletter, see the past issues of the Student News, Student Views newsletters. More info on the hiking trails can be found at <http://www.losalamos.com/hiking/>.

Hiking In Bandelier National Monument: This month's trails will focus on Bandelier. Because these hikes are best done in the early spring or late fall because of the heat, be sure to carry adequate water, and check in and out at the Visitors Center. There are penalties for disturbing the ruins. There is an entrance fee of \$10 for private vehicles, or \$3 per person in commercial vehicles, bicycles, motorcycles, etc. This entrance fee is good for 7 days, and admits you to both the main section of the monument and Tsankawi (see below hike). Pets and bicycles are NOT allowed on trails. Permits are needed for the longer hikes and overnight camping.

Frey Trail to Visitor Center: morning hike - 2 miles OW: Trail begins at the Juniper Campground Amphitheater parking area and winds down to the Main Ruins Trail. Stunning views of Tyuonyi Ruin. Arrange for car at Visitor Center to return to campground. (Rating: Moderate)

Visitor Center to Ceremonial Cave: morning hike -- 2 miles RT: It's a paved path most of the way. Climb up 140 foot, up 4 ladders to get into the cave. Take water with you, don't drink from the creek. (Rating: Easy)



Visitor Center to Falls and Rio Grande: day hike—5 miles RT: A self-guided trail book is available at the Visitor Center. The Upper Frijoles Falls are 1.3 miles; the Lower Falls are 1.5 miles. This hike is particularly pretty in the winter when the falls are icy. Trail goes to the Rio Grande. Several stream crossings, no bridges. Take plenty of water during hotter months. Return the by same route. (Rating: Difficult)



Visitor Center to Alamo Canyon Overlook: all day hike—5 miles OW: From the cottonwood Picnic area follow the signs up the canyon wall to Frijolito Ruin. Turn left at the ruin and follow the signs toward Alamos Canyon. This is a level mesa with small ruins to explore along the way. Views of the Rio Grande and Lummi Canyon. Trail continues into Alamos Canyon. (Rating: Difficult)

Los Alamos County Summer Concert Series



ALL SHOWS ARE FREE OF CHARGE AND ARE FRIDAY AT 7:00 PM UNLESS NOTED. BRING YOUR LAWN CHAIRS!

Friday, July 28	Ashley Pond	Nomads — Rock & Roll (50's/60's/70's)
Friday, Aug. 4	20th & Central	South Austin Jug Band (alternative country/folk/rock/bluegrass)
Friday, Aug. 11	Ashley Pond	South by Southwest (country dance)
Saturday, Aug. 11 — Los Alamos County Fair — All concerts at Ashley Pond		
11 a.m.	Ramon Bermudez Band	(Nuevo Flamenco/Latin Dance/Latin Rock)
1:30 p.m.	Los Alamos Big Band	(Big Band era dance)
4:30 p.m.	The Rebbe's Orkestra Klezmer	(dance concert — Jewish music from Eastern Europe)
7:00 p.m.	Whiskey River Band	(Country dance)



STB-EPDO Word Search

A	I	S	F	N	S	T	O	I	C	O	C	C	K	L	J	D	B	T	T	N	I	W	R	N	C	T	H
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Find the following words in the word search:

Division Office, Division Student Liaison, Graduate, High School Coop, Internship,
Los Alamos National Laboratory, Mentor, New Student Orientation, Post Baccalaureate,
STB EPDO, Safety, Security, Students' Association, Student Mentoring Policy,
Student News Student Views, Student Survey, Symposium, Undergraduate, Work Plan

New Mexico Trivia (answers on back page)

- Where is the state it against the law for a woman to be seen in public with unshaven legs and face?
- By what name is Roswell native Henry John Deutschendorf better known as?
- What was the smallest city honored with the designation as a 1994 All-American City?
- What is the oldest continually occupied dwelling in America?
- Who recorded most of his biggest hits for Norman Petti in Clovis from 1957—59?
- Who were the Harvey Girls?
- Who wrote the state song?
- Why did the University of New Mexico football team make history in 1929 when it traveled to Los Angeles for a game against Occidental College?
- What is the largest volcanic caldera in the world?
- What is the name for the fossils of the earliest known human inhabitant of New Mexico?



Come by & join us.

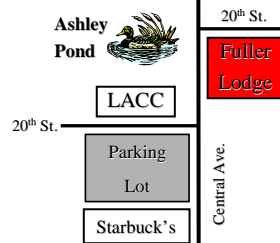
When: Sat (July 29th)
Time: 8pm – 1am

Donations (optional)
Food Dish (optional)

Where?
Fuller Lodge

(Free Lesson 8 – 8:30pm)

Contacts: Darrin – ddawgncc@msn.com (or call 505.661.8599)
Maria – maria_i_p@yahoo.com (or call 505.660.8950)



Outside Movie Night at the Gold Street Apartments

Each Friday night throughout the summer depending only on weather) Greg Goddard will project movies on the side of his apartment building. Movies usually start just after dark (around 8:30 p.m.). In the past, he has tended to stay with older films (30s-60s), but he is open to requests and recommendations. Movies are prescreened to assure appropriate content. Feel free to bring friends, kids, or significant others — the more the merrier. Limited numbers of chairs are available, so bring a blanket or a lawn chair to sit on.

If interested, contact Greg Goddard at quantmmech@yahoo.com. The following movies are scheduled at this time:

July 28th — “Arsenic and Old Lace”
August 4th — “Danny Deckchair”
August 11th — “The Great Escape”

Your ticket to the movies!

The following movies will be showing at the Reel Deal Theatre the week of July 28 thru August 3. After this date, more current information can be found at www.reeldealtheater.com.

Lady In The Water	PG-13
Monster House	PG
John Tucker Must Die	PG-13
Miami Vice	R
Pirates of the Caribbean: Dead Man's Chest	PG-13

Coming Soon:
Barnyard



Answers to Trivia Questions

1. Carrizozo
2. John Denver
3. Taos
4. Acoma Pueblo
5. Buddy Holly
6. Youthful ladies, mostly from the Eastern US, hired by entrepreneur Fred Harvey to work in his Harvey House restaurants along the Santa Fe Railroad in New Mexico and throughout the West
7. Elizabeth Garrett, daughter of legendary sheriff Pat Garrett
8. It was the first time a college team ever flew to an intercollegiate game
9. Valle Grande
10. Sandia Man

Canoing and Kayaking Available

Interested in getting on the river? Join us in Los Alamos on Tuesday nights at the Walkup Aquatic Center from 7-9 p.m., and in Santa Fe every Wednesday at the Chavez Center from 7-9 p.m. This is a great opportunity for kayakers and canoers of any level to learn, practice, or just have fun doing tricks in the pool. There are usually enough boats (especially at the Los Alamos sessions) to go around, if you don't have one of your own. All levels are welcome.

There is also a group making weekly trips to the nearby rivers to try out our newfound skills on class 2 and 3 whitewater. For more info, email quantmmech@yahoo.com.

